

# Weight Matrix Algorithm Element

The *element* searches the input sequence for transcription factor binding sites (TFBSs) significantly similar to the specified weight matrix.

## Parameters in GUI

Parameter	Description	Default value
<b>Annotate As</b>	Name of the result annotations.	misc_feature
<b>Direction</b>	See the description <a href="#">here</a> .	Any
<b>Matrix</b>	Path to the profile.	You must specify a value!
<b>Min score</b>	Minimum score to detect TFBS.	85%

## Parameters in Schema File

**Type:** wsearch

Parameter	Parameter in the GUI	Type
<b>key</b>	<b>Annotate As</b>	<i>string</i>
<b>matrix</b>	<b>Matrix</b>	<i>string</i>
<b>min-score</b>	<b>Min score</b>	<i>numeric</i>
<b>strand</b>	<b>Direction</b>	<i>string</i> Available values are: <ul style="list-style-type: none"><li>• complement</li><li>• direct</li><li>• both</li></ul>